

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-37. (canceled)

38. (currently amended) A system for determining a GNSS-defined position of a constrained single point fixedly positioned on a slow-moving, mobile structure comprising either a marine vessel or a terrestrial vehicle and including a signal-blocking structure, which system comprises:

master and slave GNSS receivers;

master and slave antennas connected to said master and slave receivers respectively

and mounted in fixed, constrained relation relative to each other on opposite sides of said mobile structure below said signal-blocking structure, said signal-blocking structure at least partially blocking GNSS signals from said antennas whereby at least one of said antennas receives signals from no more than three satellites and collectively said antennas receive signals from at least four satellites;

and

a common clock or synchronized clocks connected to said receivers;

an orientation device mounted and constrained on said structure for determining its orientation;

computing means for determining the master antenna absolute position using signals from both said master and slave antennas and said orientation device; and

said computing means further determining the GNSS-defined absolute position of the single point on the structure using: (1) ~~the position of the master antenna carrier phase signals from both said master and slave antennas for computing a position solution in unison;~~ (2) a known constrained distance and geometry spatial relation of the master antenna and slave antennas to each other and to said single point; ~~and~~ (3) the orientation of the structure provided by said orientation device removing an unknown from the single point absolute position solution; and (4) integer ambiguity resolution using a single differencing technique based on said known constrained spatial relation of said master and slave antennas and said single point.

39. (canceled)

40. (canceled)

41. (previously presented) The system according to claim 38 wherein said master and slave receivers are incorporated into a single receiver unit.

42. (canceled)

43. (previously presented) The system according to claim 38 wherein said orientation device comprises a compass.

44. (canceled)

45. (previously presented) The system according to claim 38 wherein said structure comprises a marine vessel.

46. (previously presented) The system according to claim 38 wherein

said structure is terrestrial.

47. (canceled)